

08/29/99
JCS71 U.S. PTO

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P7574

Total Pages 2

First Named Inventor or Application Identifier Gary L. Graunke

Express Mail Label No. EL 414969073 US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. X Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. X Specification (Total Pages 25)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. X Drawings(s) (35 USC 113) (Total Sheets 3)
4. X Oath or Declaration (Total Pages 4)
 - a. X Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed) (**Note Box 5 below**)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

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6. ☐ Microfiche Computer Program (Appendix)

7. ☐ Nucleotide and/or Amino Acid Sequence Submission

(if applicable, all necessary)

- a. ☐ Computer Readable Copy
b. ☐ Paper Copy (identical to computer copy)
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & documents(s))

9. ☐ a. 37 CFR 3.73(b) Statement (where there is an assignee)

☒ b. Power of Attorney

10. ☐ English Translation Document (if applicable)

11. ☐ a. Information Disclosure Statement (IDS)/PTO-1449

☐ b. Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

14. ☐ a. Small Entity Statement(s)

b. Statement filed in prior application, Status still proper and desired

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. ☒ Other: Separate sheet with Certificate of Mailing, attorney signature and
registration number and copy of return postcard

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
of prior application No:

18. **Correspondence Address**

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach Bar Code Label here)

or

☒ Correspondence Address Below

NAME Aloysius T. C. AuYeung

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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12/01/97

- 2 -

PTO/SB/05 (12/97)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL

EXPRESS MAIL NO. EL 414969073 US

Complete if Known:

Application No. Not yet assigned
 Filing Date August 28, 1999
 First Named Inventor Gary L. Graunke
 Group Art Unit Not yet assigned
 Examiner Name Not yet assigned
 Attorney Docket No. 42390.P7574

METHOD OF PAYMENT (check one)

1. ☒ [X] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
- Deposit Account Number 02-2666
 Deposit Account Name _____
- ☒ [X] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ [] Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)
2. ☒ X Payment Enclosed
☒ X Check
☐ Money Order
☐ Other

FEE CALCULATION (fees effective 10/01/97)

1. FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
101	760	201	380	Utility application filing fee	<u>760.00</u>
106	310	206	155	Design application filing fee	_____
107	480	207	240	Plant filing fee	_____
108	760	208	380	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____
SUBTOTAL (1)					\$ 760.00

2. CLAIMS

			Extra		Fee from below		Fee Paid
Total Claims	<u>28</u>	- 20 =	<u>8</u>	X	<u>18.00</u>	=	<u>\$144.00</u>
Independent Claims	<u>3</u>	- 3 =	<u>0</u>	X	<u>78.00</u>	=	_____
Multiple Dependent Claims				X		=	_____

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
103	18	203	9	Claims in excess of twenty	<u>\$144.00</u>
102	78	202	39	Independent claims in excess of 3	_____
104	260	204	130	Multiple dependent claim	_____
109	78	209	39	Reissue independent claims over original patent	_____
110	18	210	9	Reissue claims in excess of 20 and over original patent	_____
SUBTOTAL (2)					\$ 144.00



FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	380	216	190	Extension for response within second month	
117	870	217	435	Extension for response within third month	
118	1,360	218	680	Extension for response within fourth month	
128	1,850	228	925	Extension for response within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,210	241	605	Petition to revive unintentionally abandoned application	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	\$40.00
146	760	246	380	For filing a submission after final rejection (see 37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (see 37 CFR 1.129(a))	
Other fee (specify) _____					
Other fee (specify) _____					

SUBTOTAL (3) \$ 40.00

*Reduced by Basic Filing Fee Paid

TOTAL AMOUNT OF PAYMENT (\$)

\$ 944.00

SUBMITTED BY: _____

Typed or Printed Name: Aloysius T. C. AuYeung

Signature  Date 8/19/95

Reg. Number 35,432 Deposit Account User ID _____

(complete if applicable)

Our Reference: 42390.P7574

Patent

A STREAM CIPHER HAVING A SHUFFLE NETWORK COMBINER FUNCTION

Inventors: Gary L. Graunke, David A. Lee, Robert W. Faber

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP



Aloysius T. C. AuYeung

Reg. No. 35,432

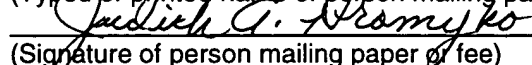
"Express Mail" mailing label number: EL 414969073 US

Date of Deposit: August 29, 1999

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Judith A. Hromyko

(Typed or printed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

8/29/99
(Date signed)

10525 U.S. PRO
09/30/99

08/29/99

Serial/Patent No.: *****	Filing/Issue Date: *****
Client: INTEL CORPORATION (Graunke et al)	
Title: A STREAM CIPHER HAVING A SHUFFLE NETWORK COMBINER FUNCTION	
BSTZ File No.: 42390.P7574	Atty/Secty Initials: ATA/mjt
Date Mailed: August 29, 1999	Docket Due Date: *****
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:	
<input type="checkbox"/> Amendment/Response (___ pgs.)	<input checked="" type="checkbox"/> Express Mail No. EL414969073US <input checked="" type="checkbox"/> Check No. 6777
<input type="checkbox"/> Appeal Brief (___ pgs.) (in triplicate)	<input type="checkbox"/> Month(s) Extension of Time
<input checked="" type="checkbox"/> Application - Utility (25 pgs., with cover and abstract)	<input type="checkbox"/> Information Disclosure Statement & PTO #9 (___ pgs.)
<input type="checkbox"/> Application - Rule 1.53(b) Continuation (___ pgs.)	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Application - Rule 1.53(b) Divisional (___ pgs.)	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Application - Rule 1.53(b) CIP (___ pgs.)	<input type="checkbox"/> Petition for Extension of Time
<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (___ pgs.)	<input type="checkbox"/> Petition for
<input type="checkbox"/> Application - Design (___ pgs.)	<input checked="" type="checkbox"/> Postcard
<input type="checkbox"/> Application - PCT (___ pgs.)	<input type="checkbox"/> Power of Attorney (___ pgs.)
<input type="checkbox"/> Application - Provisional (___ pgs.)	<input type="checkbox"/> Preliminary Amendment (___ pgs.)
<input checked="" type="checkbox"/> Assignment and Cover Sheet - 4pgs Signed	<input type="checkbox"/> Reply Brief (___ pgs.)
<input checked="" type="checkbox"/> Certificate of Mailing *	<input type="checkbox"/> Response to Notice of Missing Parts
<input checked="" type="checkbox"/> Declaration & POA (4 pgs.) Signed	<input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business
<input type="checkbox"/> Drawings Data & Orig & Copy of French Signed Letter (___ pgs.)	<input checked="" type="checkbox"/> Transmittal Letter, in duplicate
<input checked="" type="checkbox"/> Drawings: 3 # of sheets includes 6 figures	<input checked="" type="checkbox"/> Fee Transmittal, in duplicate
<input type="checkbox"/> Other: * Separate sheet with Certificate of Mailing, attorney signature and registration number and copy of return postcard	